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**Appts. for welding longitudinal seams of thin-walled shells - incorporates a seating unit in the form of two displaceable half-rings and a joint positioning element with an additional wedge-shaped lead-in section**

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#### Patent Family

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#### Patent Details

Patent	Kind	Language	Page	Main IPC	Filing Notes
RU 2014194	C1	E	3	B23K-037/04	

#### Abstract:

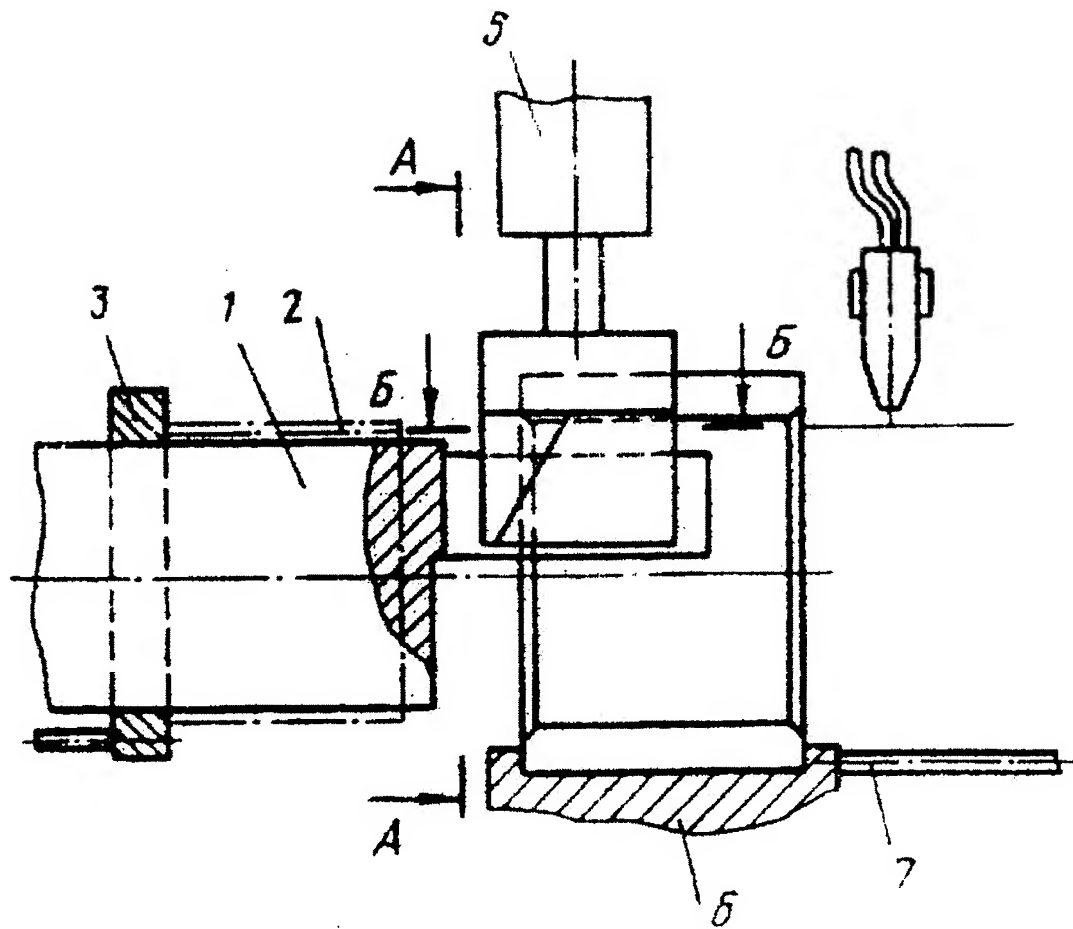
RU 2014194 C

The appts. for welding longitudinal seams of thin-walled shells incorporates a seating unit which is displaceably mounted on a base, an overhung mandrel, a wedge element for positioning the joint to welded, and a welding head. The appts. is characterised by the fact that the seating unit takes the form of two half-rings whose diameter is equal to the outside diameter of the shell, the overhung mandrel (1) is provided with ring pusher (3) for longitudinal displacement of the shell (2), while the wedge element with a drive (5) is provided with an additional wedge-shaped lead-in section.

USE - For fabrication of thin-walled shells.

ADVANTAGE - Joint edges are more accurately positioned and held. Seam uniformity is improved.

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